SEQUENCE LISTING

<110>	Chandy, Gargus, Gutman, Fantino, Kalman,	Jay J. George , Emman	uelle										
<120>	hKCA3/KC ACTIVATE MARKER A	ED POTA	SSIUM C	HANNE	L: A	CALC	IUM GNOS	TIC					
<130>	07306/0	14001											
	09/115,4 1998-07												
	60/052,9 1997-07												
	60/070, 1998-01										٠		
<160>	15												
<170>	FastSEQ	for Wi	ndows V	ersio	on 4.	0							
<210><211><211><212><213>	2521	piens			-								
<220> <221> <222>		. (2479)											
<400> gcctc	acacq ct	cctagag	gg accad	ctcct	t gag	gagag	jttc	tttc	acco	ecc t	ctto	ettet	60
ctgga	ctccc ct	cagece	ca qaqaa	ccgaa	a gca	aagco	caaa	gaga	aggac	tg g	gagco	caagat	120 180
actgo	tgggg ga ggtgg gg	aattaaa	at gccto	gctti	t ctt	tgag	ggac	atct	ttgg aag a	gag o	gagg	ggtggc act	240 295
tct g Ser G	gg cac t ly His P 5	tc cat Phe His	gac tog Asp Ser	Gly	gtg Val	GJA 333	gac Asp	ttg Leu 15	gat Asp	gaa Glu	gac Asp	ccc Pro	343
aag t Lys C 20	gc ccc t Tys Pro C	gt cca Cys Pro	tcc tc Ser Se: 25	ggg Gly	gat Asp	gag Glu	cag Gln 30	cag Gln	cag Gln	cag Gln	cag Gln	cag Gln 35	391
cag d Gln (caa cag c Sln Gln G	cag cag Gln Gln 40	cag cc Gln Pr	a cca o Pro	ccg Pro	cca Pro 45	gcg Ala	tca Ser	cca Pro	gca Ala	gcc Ala 50	ccc Pro	439
cag (ag ccc c	rta aaa	aca ta	a cta	caq	cct	caq	cct	ccq	caq	ctt	cag	487

	•														٠. نوء ـ		
Gln	Glı	ı P	ro	Leu 55	Gly	.j. Pro	Ser	Leu	Gln 60	Pro	Gln	Pro	Pro	Gln 65	ьeu	Gln	
cag Gln	caç Gl:	g c	ag 31n 70	cag Gln	cag Gln	cag Gln	cag Gln	cag Gln 75	cag Gln	cag Gln	cag Gln	cag Gln	cag Gln 80	tca Ser	ccg Pro	cat His	535
ccc Pro	cts Let	a S	ct Ser	cag Gln	ctc Leu	gcc Ala	caa Gln 90	ctc Leu	cag Gln	agc Ser	cag Gln	ccc Pro 95	gtc Val	cac His	cct Pro	ggc Gly	583
ctg Leu 100	Le	g c	cac His	tcc Ser	tct Ser	ccc Pro 105	acc Thr	gct Ala	ttc Phe	agg Arg	gcc Ala 110	ccc Pro	cct Pro	tcg Ser	tcc Ser	aac Asn 115	631
tcc Ser	ac Th	c ç	gcc Ala	atc Ile	ctc Leu 120	cac His	cct Pro	tcc Ser	tcc Ser	agg Arg 125	caa Gln	ggc Gly	agc Ser	cag Gln	ctc Leu 130	aat Asn	679
ctc	aa As:	t g n #	gac Asp	cac His 135	ttg Leu	ctt Leu	ggc Gly	cac His	tct Ser 140	cca Pro	agt Ser	tcc Ser	aca Thr	gct Ala 145	aca Thr	agt Ser	727
Gly ggg	cc Pr	0 (ggc Gly 150	gga Gly	ggc Gly	agc Ser	cgg Arg	cac His 155	cga Arg	cag Gln	gcc Ala	agc Ser	ccc Pro 160	ctg Leu	gtg Val	cac His	775
cgg	cg Ar 16	g 1	gac Asp	agc Ser	aac Asn	ccc Pro	ttc Phe 170	acg Thr	gag Glu	atc Ile	gcc Ala	atg Met 175	agc Ser	tcc Ser	tgc Cys	aag Lys	823
tat Tyr 180	Se	c q	ggt Gly	gly ggg	gtc Val	atg Met 185	aag Lys	ccc Pro	ctc Leu	agc Ser	cgc Arg 190	ctc Leu	agc Ser	gcc Ala	tcc Ser	cgg Arg 195	871
agg Arg	j aa j As	c e	ctc Leu	atc Ile	gag Glu 200	Ala	gag Glu	act Thr	gag Glu	ggc Gly 205	caa Gln	ccc Pro	ctc Leu	cag Gln	ctt Leu 210	ttc Phe	919
ago Sei	c cc Pr	t i	agc Ser	aac Asn 215	ccc Pro	ccg Pro	gag Glu	atc Ile	gtc Val 220	Ile	tcc Ser	tcc Ser	cgg Arg	gag Glu 225		aac Asn	967
cat His	gc s Al	a :	cac His 230	cag Gln	acc Thr	ctg Leu	ctc Leu	cat His 235	His	cct Pro	aat Asn	gcc Ala	acc Thr 240	His	aac Asn	cac His	1015
caç Gl:	g ca n Hi 24	s .	gcc Ala	ggc Gly	acc Thr	acc Thr	gcc Ala 250	Ser	agc Ser	acc Thr	acc Thr	ttc Phe 255	Pro	aaa Lys	gcc Ala	aac Asn	1063
aaq Lys	s Ar	.g	aaa Lys	aac Asn	caa Gln	aac Asn 265	Ile	ggc Gly	tat Tyr	aag Lys	ctg Leu 270	Gly	cac His	agg Arg	agg Arg	gcc Ala 275	1111
ct; Le	g tt u Ph	t ie	gaa Glu	aag Lys	aga Arg	Lys	cga Arg	ctg Leu	agt Ser	gac Asp 285	Tyr	gct Ala	ctg Leu	att Ile	ttt Phe	ggg	1159

••

•	•					`	er Segri										
atg Met	t t Pł	t ne	Gly	att Ile 295	gtt Val	gtt Val	atg Met	gtg Val	ata Ile 300	gag Glu	acc Thr	gag Glu	ctc Leu	tct Ser 305	ügg Trp	ggt Gly	1207
ttg Leu	t a	ac /r	tca Ser 310	aag Lys	gac Asp	tcc Ser	atg Met	ttt Phe 315	tcg Ser	ttg Leu	gcc Ala	ctg Leu	aaa Lys 320	tgc Cys	cgt Arg	atc Ile	1255
agt Ser	Le	eu 25	tcc. Ser	acc Thr	atc Ile	atc Ile	ctt Leu 330	ttg Leu	ggc Gly	ttg Leu	atc Ile	atc Ile 335	gcc Ala	tac Tyr	cac His	aca Thr	1303
cgt Arg 340	G	ga ly	gtc Val	cag Gln	ctc Leu	ttc Phe 345	gtg Val	atc Ile	gac Asp	aac Asn	gac Asp 350	gcg Ala	gat Asp	gac Asp	tgg Trp	cgg Arg 355	1351
ata Ile	g A	cc la	atg Met	acc Thr	tac Tyr 360	gag Glu	cgc Arg	atc Ile	ctc Leu	tac Tyr 365	att Ile	agc Ser	ctg Leu	gag Glu	atg Met 370	ctg Leu	1399
gtg Val	t. T	ac yr	aca Thr	aac Asn 375	cac His	acc Thr	att Ile	cct Pro	ggc Gly 380	gag Glu	tac Tyr	aag Lys	ttc Phe	ttc Phe 385	tgg Trp	gcg Ala	1447
gca Ala	c A	gc rg	ctg Leu 390	gcc Ala	ttc Phe	tcc Ser	tac Tyr	aca Thr 395	ccc Pro	tcc Ser	cgg Arg	gcg Ala	gag Glu 400	gcc Ala	gat Asp	gtg Val	1495
gac Asp	I	tc le 05	atc Ile	ctg Leu	tct Ser	atc Ile	ccc Pro 410	atg Met	ttc Phe	ctg Leu	cgc Arg	ctg Leu 415	tac Tyr	ctg Leu	atc Ile	gcc Ala	1543
cga Arg 420	y V	tc al	atg Met	ctg Leu	cta Leu	cac His 425	Ser	aag Lys	ctc Leu	ttc Phe	acc Thr 430	gat Asp	gcc Ala	tcg Ser	tcc Ser	cgc Arg 435	1591
ago Sei	a T	tc le	ggg ggg	gcc Ala	ctc Leu 440	Asn	aag Lys	atc Ile	aac . Asn	ttc Phe 445	Asn	acc Thr	cgc Arg	ttt Phe	gtc Val 450	Met	1639
aaq Lys	g a s T	.cg hr	ctc Leu	atg Met 455	Thr	atc Ile	tgc Cys	cct Pro	ggc Gly 460	act Thr	gtg Val	ctg Leu	ctc Leu	gtg Val 465	Phe	agc Ser	1687
ato Ile	e t	ct	ctg Leu 470	Trp	atc Ile	att Ile	gct Ala	gcc Ala 475	Trp	acc Thr	gtc Val	cgt Arg	gtc Val 480	Cys	gaa Glu	agg Arg	1735
tac Ty:	r F	at Iis 85	Asp	cag Gln	cag Gln	gac Asp	gta Val	Thr	agt Ser	aac Asn	ttt Phe	ctg Leu 495	Gly	gcc Ala	atg Met	tgg Trp	1783
cte Let 50	u 1	tc []e	tcc Ser	ato Ile	aca Thr	tto Phe 505	Leu	tcc Ser	att Ile	ggt Gly	tat Tyr 510	Gly	gac Asp	atg Met	gtg : Val	ccc Pro 515	1831
ca Hi	c a s T	aca Thr	tac Tyr	tgt Cys	ggg Gly 520	, PA	ggt Gly	gto Val	tgt Cys	ctc Leu 525	Leu	act Thr	ggc	ato Ile	atg Met	ggt Gly	1879

gca ggc tgc act gcc ctt gtg gtg gcc gtg gtg gcc cga aag ctg gaa Ala Gly Cys Thr Ala Leu Val Val Ala Val Val Ala Arg Lys Leu Glu 535 540 545	1927
ctc acc aaa gcg gag aag cac gtg cat aac ttc atg atg gac act cag Leu Thr Lys Ala Glu Lys His Val His Asn Phe Met Met Asp Thr Gln 550 555 560	1975
ctc acc aag cgg atc aag aat gct gca gca aat gtc ctt cgg gaa aca Leu Thr Lys Arg Ile Lys Asn Ala Ala Ala Asn Val Leu Arg Glu Thr 565 570 575	2023
tgg tta atc tat aaa cac aca aag ctg cta aag aag att gac cat gcc Trp Leu Ile Tyr Lys His Thr Lys Leu Leu Lys Lys Ile Asp His Ala 580 595	2071
aaa gtg agg aaa cac cag agg aag ttc ctc caa gct atc cac cag ttg Lys Val. Arg Lys His Gln Arg Lys Phe Leu Gln Ala Ile His Gln Leu 600 605 610	2119
agg agc gtc aag atg gaa cag agg aag ctg agt gac caa gcc aac act Arg Ser Val Lys Met Glu Gln Arg Lys Leu Ser Asp Gln Ala Asn Thr 615 620 625	2167
ctg gtg gac ctt tcc aag atg cag aat gtc atg tat gac tta atc aca Leu Val Asp Leu Ser Lys Met Gln Asn Val Met Tyr Asp Leu Ile Thr 630 635 640	2215
gaa ctc aat gac cgg agc gaa gac ctg gag aag cag att ggc agc ctg Glu Leu Asn Asp Arg Ser Glu Asp Leu Glu Lys Gln Ile Gly Ser Leu 645 650 655	2263
gag tcg aag ctg gag cat ctc acc gcc agc ttc aac tcc ctg ccg ctg Glu Ser Lys Leu Glu His Leu Thr Ala Ser Phe Asn Ser Leu Pro Leu 660 665 670 675	2311
ctc atc gcc gac acc ctg cgc cag cag cag cag ctc ctg tct gcc Leu Ile Ala Asp Thr Leu Arg Gln Gln Gln Gln Leu Leu Ser Ala 680 685 690	2359
atc atc gag gcc cgg ggt gtc agc gtg gca gtg ggc acc acc cac acc Ile Ile Glu Ala Arg Gly Val Ser Val Ala Val Gly Thr Thr His Thr 695 700 705	2407
cca atc tcc gat agc ccc att ggg gtc agc tcc acc tcc ttc ccg acc Pro Ile Ser Asp Ser Pro Ile Gly Val Ser Ser Thr Ser Phe Pro Thr 710 715 720	2455
ccg tac aca agt tca agc agt tgc taaataaatc tccccactcc agaagcatta Pro Tyr Thr Ser Ser Ser Cys 725 730	2509
aaaaaaaaa aa	2521

<210> 2

<211> 731 <212> PRT

<212> PRT <213> Homo sapiens

<400> 2 Met Asp Thr Ser Gly His Phe His Asp Ser Gly Val Gly Asp Leu Asp Glu Asp Pro Lys Cys Pro Cys Pro Ser Ser Gly Asp Glu Gln Gln 25 Gln Gln Gln Gln Gln Gln Gln Fro Pro Pro Pro Ala Ser Pro Ala Ala Pro Gln Gln Pro Leu Gly Pro Ser Leu Gln Pro Gln Pro Pro 55 70 Ser Pro His Pro Leu Ser Gln Leu Ala Gln Leu Gln Ser Gln Pro Val 85 His Pro Gly Leu Leu His Ser Ser Pro Thr Ala Phe Arg Ala Pro Pro 105 100 Ser Ser Asn Ser Thr Ala Ile Leu His Pro Ser Ser Arg Gln Gly Ser 120 Gln Leu Asn Leu Asn Asp His Leu Leu Gly His Ser Pro Ser Ser Thr 135 Ala Thr Ser Gly Pro Gly Gly Gly Ser Arg His Arg Gln Ala Ser Pro 155 150 Leu Val His Arg Arg Asp Ser Asn Pro Phe Thr Glu Ile Ala Met Ser 170 Ser Cys Lys Tyr Ser Gly Gly Val Met Lys Pro Leu Ser Arg Leu Ser 185 Ala Ser Arg Arg Asn Leu Ile Glu Ala Glu Thr Glu Gly Gln Pro Leu 205 200 Gln Leu Phe Ser Pro Ser Asn Pro Pro Glu Ile Val Ile Ser Ser Arg 220 215 Glu Asp Asn His Ala His Gln Thr Leu Leu His His Pro Asn Ala Thr 230 235 His Asn His Gln His Ala Gly Thr Thr Ala Ser Ser Thr Thr Phe Pro 250 245 Lys Ala Asn Lys Arg Lys Asn Gln Asn Ile Gly Tyr Lys Leu Gly His 265 260 Arg Arg Ala Leu Phe Glu Lys Arg Lys Arg Leu Ser Asp Tyr Ala Leu 280 Ile Phe Gly Met Phe Gly Ile Val Val Met Val Ile Glu Thr Glu Leu 295 Ser Trp Gly Leu Tyr Ser Lys Asp Ser Met Phe Ser Leu Ala Leu Lys 315 310 Cys Arg Ile Ser Leu Ser Thr Ile Ile Leu Leu Gly Leu Ile Ile Ala 330 325 Tyr His Thr Arg Gly Val Gln Leu Phe Val Ile Asp Asn Asp Ala Asp 345 Asp Trp Arg Ile Ala Met Thr Tyr Glu Arg Ile Leu Tyr Ile Ser Leu 360 Glu Met Leu Val Tyr Thr Asn His Thr Ile Pro Gly Glu Tyr Lys Phe 380 375 Phe Trp Ala Ala Arg Leu Ala Phe Ser Tyr Thr Pro Ser Arg Ala Glu 395 390 Ala Asp Val Asp Ile Ile Leu Ser Ile Pro Met Phe Leu Arg Leu Tyr 410 405 Leu Ile Ala Arg Val Met Leu Leu His Ser Lys Leu Phe Thr Asp Ala 425 Ser Ser Arg Ser Ile Gly Ala Leu Asn Lys Ile Asn Phe Asn Thr Arg 445 440 Phe Val Met Lys Thr Leu Met Thr Ile Cys Pro Gly Thr Val Leu Leu

	450					455					460						
Val	Phe	Ser	Ile	Ser	Leu	Trp	Ile	Ile	Ala	Ala	Trp	Thr	Val	Arg	Val		
465					470					475					480		
				485	Asp				490					495			
			500		Ser			505					510				
Met	Val	Pro 515	His	Thr	Tyr	Cys	Gly 520	Lys	Gly	Val	Cys	Leu 525	Leu	Thr	Gly		
Ile	Met 530	Gly	Ala	Gly	Суѕ	Thr 535		Leu	Val	Val	Ala 540	Val	Val	Ala	Arg		
Lys 545	Leu	Glu	Leu	Thr	Lys 550		Glu	Lys	His	Val 555	His	Asn	Phe	Met	Met 560		
Asp	Thr	Gln	Leu	Thr 565	Lys	Arg	Ile	Lys	Asn 570	Ala	Ala	Ala	Asn	Val 575	Leu		
Arg	Glu	Thr	Trp 580	Leu	Ile	Tyr	Lys	His 585	Thr	Lys	Leu	Leu	Lys 590	Lys	Ile		
Asp		Ala 595	Lys	Val	Arg	Lys	His 600		Arg	Lys	Phe	Leu 605	Gln	Ala	Ile		
His	Gln 610	Leu	Arg	Ser	Val	Lys 615	Met	Glu	Gln	Arg	Lys 620	Leu	Ser	Asp	Gln		
Ala 625	Asn	Thr	Leu	Val	Asp 630		Ser	Lys	Met	Gln 635	Asn	Val	Met	Tyr	Asp 640		
Leu	Ile	Thr	Glu	Leu 645	Asn	Asp	Arg	Ser	Glu 650		Leu	Glu	Lys	Gln 655	Ile		
Gly	Ser	Leu	Glu 660		Lys	Leu	Glu	His 665		Thr	Ala	Ser	Phe 670	Asn	Ser		
		675					680					685			Leu		
	690					695					700				Thr		
Thr 705	His	Thr	Pro	Ile	Ser 710		Ser	Pro	Ile	Gly 715		Ser	Ser	Thr	Ser 720		
Phe	Pro	Thr	Pro	Tyr 725	Thr	Ser	Ser	Ser	Ser 730								
	0 > 3											•					
	1> 1 2> D																
			sapi	ens													
	0> 3		tttc	:a						•							1
				_													
	0 > 4									•							
	1> 7 2> D																
			sapi	ens													
< 40	0 > 4																_
		agc can		gcag	gca g	gtcnr	nnar	n nr	nnnr	nnnr	n nnr	ınnnı	nnn	nnnr	nnnnnr	ı	6 7
	.0> 5																
	1 > 2																
	.2> [.3> F		sapi	iens													

<400> 5

```
. . . . .
                                                                        60
geetggeete acaegeteet agaggaceae eteetgagag agttetttea eeeetette
tttctccaag ctcccctcct gctctccctc cctgcccaat acaatgcatt cttgagtggc
                                                                       120
agcgtctgga ctccaggcag ccccagagaa ccgaagcaag ccaaagagag gactggagcc
                                                                       180
aagatactgg tgggggagat tggatgcctg gctttctttg aggacatctt tggagcgagg
                                                                       240
gtggctttgg ggtggggct tgtgctgcag ggaatacagc caggccccaa gatggacact
                                                                       300
tctgggcact tccatgactc gggggtgggg gacttggatg aagaccccaa gtgcccctgt
                                                                       360
ccatcctctg gggatgagca gcagcagcag cagcagcagc aacagcagca gcagccacca
                                                                       420
ccgccagcgt caccagcagc cccccagcag cccctgggac cctcgctgca gcctcagcct
                                                                       480
ccgcagcttc agcagcagca gcagcagcag cagcagcagc agcagcagca gtcaccgcat
                                                                       540
cccctgtctc agctcgccca actccagage cagcccgtcc accctggcct gctgcactcc
                                                                       600
teteccaceg ettteaggge ecceetteg tecaacteca ecgeeatect ecaecettee
                                                                       660
tccaggcaag gcagccagct caatctcaat gaccacttgc ttggccactc tccaagttcc
                                                                       720
acagetacaa gtgggcetgg eggaggeage eggeacegae aggeeageee eetggtgeae
                                                                       780
cggcgggaca gcaacccctt cacggagatc gccatgagct cctgcaagta tagcggtggg
                                                                       840
gtcatgaagc ccctcagccg cctcagcgcc tcccggagga acctcatcga ggccgagact
                                                                       900
gagggccaac ccctccagct tttcagccct agcaacccc cggagatcgt catctcctcc
                                                                       960
cgggaggaca accatgccca ccagaccctg ctccatcacc ctaatgccac ccacaaccac
                                                                       1020
cagcatgccg gcaccaccgc cagcagcacc accttcccca aagccaacaa gcggaaaaac
                                                                       1080
caaaacattg gctataagct gggacacagg agggccctgt ttgaaaagag aaagcgactg
                                                                       1140
agtgactatg ctctgatttt tgggatgttt ggaattgttg ttatggtgat agagaccgag
                                                                       1200
ctctcttggg gtttgtactc aaaggactcc atgttttcgt tggccctgaa atgccgtatc
                                                                       1260
agtctgtcca ccatcatcct tttgggcttg atcatcgcct accacacacg tggagtccag
                                                                       1320
ctcttcgtga tcgacaacga cgcggatgac tggcggatag ccatgaccta cgagcgcatc
                                                                       1380
                                                                       1440
ctctacatta gcctggagat gctggtgtac acaaaccaca ccattcctgg cgagtacaag
ttcttctggg cggcacgcct ggccttctcc tacacaccct cccgggcgga ggccgatgtg
                                                                       1500
gacatcatcc tgtctatccc catgttcctg cgcctgtacc tgatcgcccg agtcatgctg
                                                                       1560
ctacacagca agetetteae egatgeeteg teeegeagea teggggeeet caacaagate
                                                                       1620
aacttcaaca cccgctttgt catgaagacg ctcatgacca tctgccctgg cactgtgctg
                                                                       1680
ctcgtgttca gcatctctct gtggatcatt gctgcctgga ccgtccgtgt ctgtgaaagg
                                                                       1740
taccatgacc agcaggacgt aactagtaac tttctgggtg ccatgtggct catctccatc
                                                                       1800
                                                                       1860
acattccttt ccattggtta tggggacatg gtgccccaca catactgtgg gaaaggtgtc
                                                                       1920
tgtctcctca ctggcatcat gggtgcaggc tgcactgccc ttgtggtggc cgtggtggcc
                                                                       1980
cgaaagctgg aactcaccaa agcggagaag cacgtgcata acttcatgat ggacactcag
                                                                       2040
ctcaccaagc ggatcaagaa tgctgcagca aatgtccttc gggaaacatg gttaatctat
aaacacacaa agctgctaaa gaagattgac catgccaaag tgaggaaaca ccagaggaag
                                                                       2100
                                                                       2160
ttcctccaag ctatccacca gttgaggagc gtcaagatgg aacagaggaa gctgagtgac
caagccaaca ctctggtgga cctttccaag atgcagaatg tcatgtatga cttaatcaca
                                                                       2220
gaactcaatg accggagcga agacctggag aagcagattg gcagcctgga gtcgaagctg
                                                                       2280
gagcatetea ecgceagett caacteeetg ecgetgetea tegeegaeae eetgegeeag
                                                                       2340
cagcagcagc agetectgte tgccatcate gaggeeeggg gtgteagegt ggcagtggge
                                                                       2400
accacccaca ccccaatete egatacgeee attggggtea getecacete ettecegace
                                                                       2460
ccgtacacaa gttcaagcag ttgctaaata aatctcccca ctccagaagc attaaaaaaa
                                                                       2520
                                                                       2526
aaaaaa
<210> 6
<211> 159
<212> DNA
<213> Rattus rattus
<400> 6
actatectea taatteettt ggagtttage ttagaattgt ateggeteaa etatetteta
                                                                         60
tgaaacggaa ctgaagctca ttgcatcacc cccgccctac gtaccgggct aaccatcaag
                                                                        120
                                                                        159
catggcatta tggtcctcgc tcatgaattc ctatttcag
```

<210> 7 <211> 217 <212> DNA

<213> Rattus rattus

```
<400> 7
cgt ctt caa acc cag tga gcc tct cag cag cag cag gct ctc ctg
                                                                       48
ttt ttt gta ata gag ctg gta tac ata tcc tca taa ttc ctt tgg agt
                                                                       96
tta gct tag aat tgt atc ggc tca act atc ttc tat gaa acg ggc tga
                                                                      144
ago toa ttg cat cac coc cgc cot acg tac cgg got aac cat caa goa
                                                                      192
                                                                      217
tgg cat tat ggt cct cgc tca taa a
<210> 8
<211> 44
<212> PRT
<213> Rattus rattus
<400> 8
Glu Ser Pro Val Pro Leu Gln Gln Gln Gln Ala Pro Leu Pro Val
                 5
Asn Ala Val Val Asn Leu Pro Ile Gly Leu Glu Gly Cys Ala Ile Pro
            20
Thr His Gly Thr Phe Val Ile Ser Ala Pro Ser Ile
<210> 9
<211> 8
<212> PRT
<213> Homo sapiens
<400> 9
Thr Xaa Xaa Thr Xaa Gly Tyr Gly
<210> 10
<211> 23
<212> DNA
<213> Homo sapiens
<400> 10
                                                                         23
accccaagtg cccctgtcca tcc
<210> 11
<211> 24
<212> DNA
<213> Homo sapiens
<400> 11
                                                                         24
atctccgtga aggggttgct gtcc
<210> 12
<211> 24
<212> DNA
 <213> Homo sapiens
 <400> 12
                                                                         24
ctgaaagcgg tgggagagga gtgc
 <210> 13
 <211> 25
 <212> DNA
 <213> Homo sapiens
```

<400> 13

caccgtcagt gtcaccagta	gtccc	25
<210> 14		
<211> 21		
<212> DNA		
<213> Homo sapiens		
<400> 14		
gcagccctg ggaccctcgc	t	21
<210> 15		
<211> 26		
<212> DNA		
<213> Homo sapiens		
•		
<400> 15		
acatgtagct gtggaacttg	gagagt	26
	JJJ	
GT\6144118.1		
104605 156047		